

Please type a plus sign (+) inside this box → +

+

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
		Application Number	10/802,981		
		Filing Date	Mar 17, 2004		
		First Named Inventor	Kirovski		
		Group Art Unit			
		Examiner Name			
Sheet 2 of 2		Attorney Docket Number	MS1-1934US		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SD/		"Certificate Authority Technology", SC Infosecurity News Magazine, pp. 42-43, February 1999.	
/SD/		Chang, "Robust Image Authentication Using Content Based Compression", Multimedia Systems, Vol. 9, No. 2, August 2003.	
/SD/		Min-Hui, "An Image Self-Verification Scheme Based on Rehash Technique", 2003 International Conference on Communication Technology, Vol. 2, pp. 1883-1886, April 2003.	
/SD/		Rey, "A Survey of Watermarking Algorithms for Image Authentication", EURASIP Journal on Applied Signal Processing, Vol. 2002, No. 6, pp. 613-621, June 2002.	

Examiner Signature	/Suman Debnath/	Date Considered	04/17/2007
--------------------	-----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99).

Application Number		10802981
Filing Date		2004-03-17
First Named Inventor	Darko Kirovski	
Art Unit	2131	
Examiner Name		
Attorney Docket Number	MS1-1934US	

U.S. PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/SD/	1	4386233		1983-05-31	Smid, ; et al.	
/SD/	2	4424414		1984-01-03	Hellman, ; et al.	
/SD/	3	4567600		1986-01-28	Massey, ; et al.	
/SD/	4	4633036		1986-12-30	Hellman, ; et al.	
/SD/	5	4820912		1989-04-11	Samyn	
/SD/	6	4881264		1989-11-14	Merke	
/SD/	7	4956863		1990-09-11	Goss	
/SD/	8	5003597		1991-03-26	Merke	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10802981
Filing Date	2004-03-17
First Named Inventor	Darko Kirovski
Art Unit	2131
Examiner Name	
Attorney Docket Number	MS1-1934US

/SD/	9	5018274		1991-05-14	Micali, ; et al.	
/SD/	10	5299262		1994-03-29	Brickell, ; et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S. PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
/SD/	1	EP1173001			2002-01-16	EASTMAN KODAK CO (US)		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
/SD/	1	Brzakovic et al, "Document Recognition/Authentication Based on Medium-Embedded Random Patterns", Proceedings of the Second International Conference on Tsukuba Science City, Japan, October 20-22, 1993, pp. 95-98.	<input type="checkbox"/>
/SD/	2	"Counterfeit Deterrent Features for the Next-Generation Currency Design", National Materials Advisory Board (NMAB), 4-Description and Assessment of Deterrent Features, pages 39-86	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10802981
Filing Date	2004-03-17
First Named Inventor	Darko Kirovski
Art Unit	2131
Examiner Name	
Attorney Docket Number	MS1-1934US

/SD/	3	"Counterfeit Deterrent Features for the Next-Generation Currency Design (1993)", National Materials Advisory Board (NMAB); Appendix E: Methods for Authentication of Unique Random Patt..pages 117-120	<input type="checkbox"/>
/SD/	4	Pappu, R., "Physical One-Way Functions", www.sciencemag.org, Vo. 297, September 20, 2002, pages 2026-2030	<input type="checkbox"/>
/SD/	5	Pennebaker et al, "An Overview of the Basic Principles of the Q-Coder Adaptive Binary Arithmetic Coder", IBM Journal of Research and Development, Vol. 32, No. 11, November 1988, pp. 717-726.	<input type="checkbox"/>
/SD/	6	Rivest, R.L., et al., "A Method for Obtaining Digital Signatures and Public-Key Cryptosystems", 15 pages	<input type="checkbox"/>
/SD/	7	Rivest, R., "The MD5 Message-Digest Algorithm", MIT Laboratory for Computer Science and RSA Data Security, Inc., April 1992, 18 Pages, http://www.faqs.org/rfcs/rfc1321.html	<input type="checkbox"/>
/SD/	8	Simmons, "Identification of Data, Devices, Documents and Individuals", Proceedings of the Annual International Carnahan Conference on Security Technology, Taipei, October 1 -3, 1991, page 208.	<input type="checkbox"/>
	9		<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Suman Debnath/	Date Considered	04/16/2007
--------------------	-----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10802981
Filing Date	2004-03-17
First Named Inventor	Darko Kirovski
Art Unit	2131
Examiner Name	
Attorney Docket Number	MS1-1934US

U.S. PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S. PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
/SD/	1	WO9119614			1991-12-26	TEL DEVELOPMENTS B V (NL)		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10802981
Filing Date	2004-03-17
First Named Inventor	Darko Kirovski
Art Unit	2131
Examiner Name	
Attorney Docket Number	MS1-1934US

1		<input type="checkbox"/>
---	--	--------------------------

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Suman Debnath/	Date Considered	04/16/2007
--------------------	-----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449-~~4~~

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/802.981
--------------------	------------

Filing Date	3/17/2004
-------------	-----------

First Named Inventor	Darko Kirovski
----------------------	----------------

Art Unit

Examiner Name

Attorney Docket Number	MS1	1934US
------------------------	-----	--------

Sheet 1

of 1

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1°
		Country Code ² Number ⁴ Kind Code ³ (if known)				
/SD/		EP0889448	1/7/1999	Piney Bowes Inc		
/SD/		WO 01/43086	6/14/2001	Mischenko		
/SD/		WO 99/17486	4/08/1999	Tracer Detectio		

**Examiner
Signature**

/Suman Debnath/

Date
Considered

04/17/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.


This collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

+

Application Number	10/802,981
Filing Date	Mar 17, 2004
First Named Inventor	Kirovski
Group Art Unit	
Examiner Name	
Attorney Docket Number	MS1-1934US

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

**Complete if Known**

Application Number	10/802,981
Filing Date	Mar 17, 2004
First Named Inventor	Kirovski
Group Art Unit	
Examiner Name	
Attorney Docket Number	MS1-1934US

(use as many sheets as necessary)

Sheet	2	of	2
-------	---	----	---

[illegible]

04/17/2007

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**